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Title: **JP2091009A2: ANTIFUNGAL FORMED PRODUCTS AND THEIR PRODUCTION**

Derwent Title: Antimicrobial shaped articles e.g. fibres - contg. dispersed mixt. of two different metals (or metal cpds.) and liq. polyester  
[Derwent Record]

Country: JP Japan

Kind: A (See also: [JP2503057B2](#))

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Published / Filed: 1990-03-30 / 1988-09-27

Application Number: JP1988000243618

IPC Code: A01N 59/20; A01N 25/10; A01N 25/34; C08K 3/08; C08L 67/02;  
C08L 101/00; D01F 6/92; D01F 6/92; D01F 6/92; A01N 59/20;

Priority Number: 1988-09-27 JP1988000243618

Abstract: PURPOSE: To obtain the title composition of high washing durability by dispersing a mixture containing fine particles of copper or copper compounds of a specific particle size, fine particles of a metal different in ionization potential from copper and a liquid polyester compound of a specific viscosity.

CONSTITUTION: A mixed metallic fine particles which are composed of fine particles of metallic copper or copper inorganic compound of less than 5 micron average particle size, and at least one selected from fine particles of metals different in ionization potential from copper (e.g., aluminum, silver, zinc, iron or other metals) or their inorganic compounds of less than 5 micron average particle sizes is mixed with a liquid polyester which melts lower than 10°C and has a viscosity of more than 10 poise at 25°C. Then, the mixture is dispersed in thermoplastic formed products of 200°C or higher melting point to give the objective synthetic formed products of excellent washing durability and antifungal activity. The product according to the present invention gives polyester or polyamide fibers which are more clean without bad smell, pleasant and safe.

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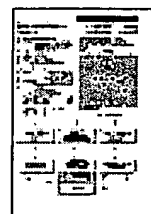
Designated Country: DE GB

Family: Show 5 known family members

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| PDF | Patent    | Pub.Date   | Inventor            | Assignee                           | Title                                     |
|-----|-----------|------------|---------------------|------------------------------------|-------------------------------------------|
|     | US6723428 | 2004-04-20 | Foss;<br>Stephen W. | Foss<br>Manufacturing Co.,<br>Inc. | Anti-microbial fiber and fibrous products |

Other Abstract Info: DERABS C90-100643



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